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## 2 Product Specifications

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### 2-1 Fashion Feature

- RF, 2HDMI, PC(Analog), Component, Video, S-Video, Digital TV
- Brightness : 500cd/m<sup>2</sup>
- Contrast ratio : 3000 : 1
- Response time : 32" - 8ms, 40"/46" - 16ms
- Dynamic contrast
- PIP

## 2-2 Specifications

### 2-2-1 LN-S3292D Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 32-Inch viewable, 0.1460 (H) x 0.4365(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ±5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	596.256 mm / 335.232 mm	
AC power voltage & Frequency	AC 110, 60Hz	
Power Consumption	< 150 W ( < 1W, stand by )	
Dimensions(W x D x H) Set	804 X 131.1 X 563.1 mm _without stand 804 X 249 X 622.5 mm _ with stand	
Weight Set(With stand)	19.2 Kg	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC
	Sound	MONO, STEREO, SAP
Antena Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 10W, Left => 10W	
	- BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-2-2 LN-S4092D Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 40-Inch viewable, 0.648 (H) x 0.648(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ±5% positive at 75Ω, internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	885.168 mm / 497.664 mm	
AC power voltage & Frequency	AC 110~120 ,60Hz	
Power Consumption	< 240 W ( < 1W, stand by )	
Dimensions(W x D x H) Set	1004 X 115 X 680 mm _without stand 1004 X 330 X 749 mm _ with stand	
Weight Set(With stand)	27.5 Kg	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10°C ~ 40°C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20°C ~ 45°C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC
	Sound	MONO, STEREO, SAP
Antena Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 10W, Left => 10W	
	- BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2 Product Specifications

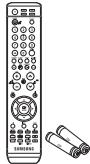
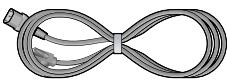
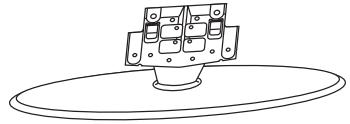
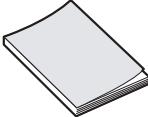
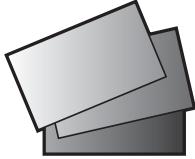
### 2-2-3 LN-S4692D Specifications

Item	Description	
LCD Panel	TFT-LCD panel, RGB vertical stripe, normally white, 46-Inch viewable, 0.7455 (H) x 0.2495(V)mm pixel pitch	
Scanning Frequency	Horizontal : 30 kHz ~ 61 kHz (Automatic) Vertical : 60 Hz ~ 75 Hz (Automatic)	
Display Colors	16.7 Million colors	
Maximum Resolution	Horizontal : 1360 Pixels Vertical : 768 Pixels	
Input Video Signal	Analog 0.7 Vp-p ±5% positive at 75Ω , internally terminated	
Input Sync Signal	Type : Separate H/V Level : TTL level	
Maximum Pixel Clock rate	80 MHz	
Active Display Horizontal/Vertical	1018.353 mm / 572.544 mm	
AC power voltage & Frequency	AC 110V~120V, 60Hz	
Power Consumption	< 330W (< 1W, stand by )	
Dimensions(W x D x H)		
Set	1126 X 140 X 752 mm_without stand 800 X 252 X 603 mm) With stand	
Weight		
Set(With stand)	37.0 kg	
Environmental Considerations	Operating Temperature : 50 °F ~ 104 °F (10 °C ~ 40 °C) Operating Humidity : 10 % ~ 80 % Storage Temperature : -4 °F ~ 113 °F (-20 °C ~ 45 °C) Storage Humidity : 5 % ~ 95 %	
TV System	Tuning	Frequency Synthesize
	System	ATSC, NTSC
	Sound	MONO, STEREO, SAP
Antenna Input	75Ω	
Sound Characteristic	- MAX Internal speaker Out : Right => 10W, Left => 10W	
	- BASS Control Range : -8 dB ~ +8dB - TREBLE Control Range : -8 dB ~ +8 dB - Headphone Out : 10 mW MAX - Output Frequency : RF : 80 Hz ~ 15 kHz A/V : 80 Hz ~ 20 kHz	

## 2-2-4 Spec Comparison

Model	LN-R408D	LN-S3292D / LN-S4092D / LN-S4692D
Design		
<b>Frequency</b>		
Horizontal	30 ~ 61 kHz	30 ~ 61 kHz
Vertical	60 ~ 75 Hz	60 ~ 75 Hz
Display Color	16,777,216 colors	16,777,216 colors
<b>PC Resolution</b>		
Maximum mode	1360 x 768 / 60 Hz	1360 x 768 / 60 Hz
<b>Input Signal</b>		
Sync Signal	H/V Separate, TTL, P. or N.	H/V Separate, TTL, P. or N.
Video Signal	0.7 Vp-p @ 75ohm	0.7 Vp-p @ 75ohm
<b>Power Consumption</b>		
Normal	100W / 140W / 170W	150W / 240W / 330W
Power Saving	< 2W	< 1W
<b>Input source</b>		
Difference	DVI-D	2HDMI
<b>PIP</b>	PIP(PC Only)	PIP, POP
<b>Sound</b>	3W / 5W / 7.5W	10W

## 2-3 Option Specification

Item	Item Name	Code.No	Remark
	Remote Control & Batteries (AAA x 2)	32" : BN59-00511A & 4301-000121 40"/46" : BN59-00511A	
	Power Cord	32" : 3903-000144 40"/46" : 3903-000144	
	Cover-Bottom	32" : BN63-01947A 40"/46" : BN63-01938A	
	Stand	32" : BN90-00828B 40"/46" : BN90-00821B	
	Stand Screw (4 ea)	32" : 6002-001294 40"/46" : 6002-001294	
	Owner's Instructions	32" : BN68-01001D 40"/46" : BN68-01001B	
	Cleaning Cloth	32" : BN63-01798A 40"/46" : BN63-07198A	
	Warranty Card / Registration Card /Safety Guide Manual (Not available in all locations)	BN68-00860A	